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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of: S. Wu, *et al.*  
Application No.: 10/534,279  
Filed: 04/21/2006

Conf. No.: 1127  
Docket No.: 60290-USA  
Examiner: M. D. Pak  
Art Unit: 1646

For: Lepidoptera Voltage-Gated Calcium Channels

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Amendment and Response to Final Office Action**

Applicants submit this Response to the Final Office Action, mailed 31 October 2007. The Response is filed within the shortened statutory period. All matters having been resolved, reconsideration and allowance of the pending claims are respectfully requested. Please charge any fees necessitated by this amendment and Response to Deposit Account 06-1440.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this response.

**Remarks** begin on page 8 of this response.